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(FILE 'HOME' ENTERED AT 13:47:28 ON 22 JUL 2004)

FILE 'REGISTRY' ENTERED AT 13:53:33 ON 22 JUL 2004

L1 STR
L2 0 SEARCH L1 CSS
L3 16 SEARCH L1 CSS FUL

FILE 'CAPLUS' ENTERED AT 13:59:08 ON 22 JUL 2004

L4 144 S L3

FILE 'REGISTRY' ENTERED AT 13:59:31 ON 22 JUL 2004

L5 STR L
L6 436 SEARCH L5 CSS FUL
L7 STR L1
L8 0 SEARCH L7 CSS
L9 0 SEARCH L7 CSS FUL

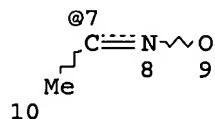
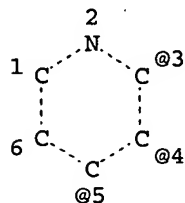
FILE 'CAPLUS' ENTERED AT 14:09:59 ON 22 JUL 2004

L10 12 S L4 AND SODIUM

=> d l1 sia

L1 HAS NO ANSWERS

L1 STR



VPA 7-3/4/5 U

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

=> d l4 tot ti

L4 ANSWER 1 OF 144 CAPLUS COPYRIGHT 2004 ACS on STN

TI Heteroleptic complexes of zirconium acetylacetonates: better precursors for the preparation of zirconia. structural characterization of [(acac)2Zr{ONC(Me)py-2}2]

L4 ANSWER 2 OF 144 CAPLUS COPYRIGHT 2004 ACS on STN

TI AgI and CuI binuclear macrocyclic complexes with 1-(3-pyridyl)ethanone oxime

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- (11) Jersiev, B; Acta Chemica Scandinavia 1992, V46, P1195
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- (17) Tecie, H; Life Sci 1993, V52, P505
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=> d his

(FILE 'HOME' ENTERED AT 13:47:28 ON 22 JUL 2004)

FILE 'REGISTRY' ENTERED AT 13:53:33 ON 22 JUL 2004

L1 STR
L2 0 SEARCH L1 CSS
L3 16 SEARCH L1 CSS FUL

FILE 'CAPLUS' ENTERED AT 13:59:08 ON 22 JUL 2004

L4 144 S L3

FILE 'REGISTRY' ENTERED AT 13:59:31 ON 22 JUL 2004

L5 STR L
L6 436 SEARCH L5 CSS FUL
L7 STR L1
L8 0 SEARCH L7 CSS
L9 0 SEARCH L7 CSS FUL

FILE 'CAPLUS' ENTERED AT 14:09:59 ON 22 JUL 2004

L10 12 S L4 AND SODIUM
L11 0 S K3/P
L12 43 S L3/P
L13 72442 S SODIUM HYDROXIDE
L14 1 S L13 AND L12
L15 66330 S METAL SALT?
L16 1 S L15 AND L12
L17 937193 S SODIUM
L18 5 S L17 AND L12

FILE 'REGISTRY' ENTERED AT 14:41:50 ON 22 JUL 2004

L19 STR L5
L20 STR L19
L21 STR L19
L22 STR L21
L23 STR L19
L24 16 S L19 OR L21 OR L23
L25 192 S L19 OR L21 OR L23 FUL
L26 1 S L25 AND NA/ELS
L27 0 S C7H4N2O.NA/MF
L28 0 S C7H3N2ONA/MF
L29 1 S L25 AND SODIUM
L30 1 S 3-ACETYLPYRIDINE/CN
L31 1 S 2-ACETYLPYRIDINE/CN
L32 1 S 4-ACETYLPYRIDINE/CN

FILE 'CAPLUS' ENTERED AT 15:09:24 ON 22 JUL 2004

L33 2640 S L30 OR L31 OR L32
L34 624 S L30/RCT
L35 836 S L31/RCT
L36 524 S L32/RCT

L37 1405 S L34 OR L35 OR L6
L38 1555 S L34 OR L35 OR L36
L39 80396 S (OXIM? OR HYDROXYLAM?)
L40 85 S L38 AND L39
L41 53 S INORGANIC BASE
L42 0 S L41 AND L40
L43 128589 S (SODIUM CARBONATE OR SODIUM HYDROXIDE OR POTASSIUM CARBONATE
L44 0 S L43 AND L40
L45 544818 S (NAOH OR NA2CO3 OR KOH OR K2CO3)
L46 1 S L45 AND L40

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L18 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:925052 CAPLUS
 DN 138:338223
 ED Entered STN: 06 Dec 2002
 TI Synthesis, spectroscopic and structural aspects of some
 tetraorganodistannoxanes with internally functionalized oxime. 2. Crystal
 and molecular structure of $[(\text{Me}_2\text{Sn}(\text{ON}:\text{C}(\text{Me})\text{C}_5\text{H}_4\text{N}))_2\text{O}]_2 \cdot 2[2\text{-NC}_5\text{H}_4(\text{Me})\text{C}:\text{NOH}]$
 AU Sharma, Vinita; Sharma, Rajnish K.; Bohra, Rakesh; Jain, Vimal K.; Drake,
 John E.; Light, Mark E.; Hursthouse, Michael B.
 CS Department of Chemistry, University of Rajasthan, Jaipur, 302004, India
 SO Journal of Organometallic Chemistry (2002), 664(1-2), 66-69
 CODEN: JORCAI; ISSN: 0022-328X
 PB Elsevier Science B.V.
 DT Journal
 LA English
 CC 29-8 (Organometallic and Organometalloidal Compounds)
 Section cross-reference(s): 75
 OS CASREACT 138:338223
 AB The title compound $[(\text{Me}_2\text{Sn}(\text{ON}:\text{C}(\text{Me})\text{C}_5\text{H}_4\text{N}))_2\text{O}]_2 \cdot 2[2\text{-NC}_5\text{H}_4(\text{Me})\text{C}:\text{NOH}]$
 was obtained during the reaction of Me_2SnCl_2 with the sodium
 salt of 2-acetypyridyloxime in 1:2 molar ratio in a refluxing
 methanol-benzene mixture X-ray diffraction anal. of the compound reveals that
 it is the first tetraorganodistannoxane structural motif in which two
 mols. of free oxime are connected to the stannoxane framework and the two
 Sn-O distances of the four-membered planar Sn_2O_2 ring are identical.
 ST crystal mol structure acetypyridyloxime tetraorganodistannoxane prepn
 IT Group IVA element compounds
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (distannoxanes, tetraorganodistannoxanes; preparation and crystal structure
 of acetypyridyloxime tetraorganodistannoxane)
 IT Crystal structure
 Molecular structure
 (of acetypyridyloxime tetraorganodistannoxane)
 IT 515811-41-3P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (crystal structure; preparation and crystal structure of acetypyridyloxime
 tetraorganodistannoxane)
 IT 515811-40-2P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (mol. structure; preparation and crystal structure of acetypyridyloxime
 tetraorganodistannoxane)
 IT 753-73-1, Dichlorodimethylstannane 1758-54-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation and crystal structure of acetypyridyloxime
 tetraorganodistannoxane)
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE
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 (10) Jain, V; Proc Indian Acad Sci 1996, V103, P165
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L46 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:61270 CAPLUS
DN 134:280369
ED Entered STN: 25 Jan 2001
TI Selective synthesis of E and Z isomers of **oximes**
AU Sharghi, Hashem; Sarvari, Mona Hosseini
CS Department of Chemistry, College of Science, Shiraz University, Shiraz,
71454, Iran
SO Synlett (2001), (1), 99-101
CODEN: SYNLES; ISSN: 0936-5214
PB Georg Thieme Verlag
DT Journal
LA English
CC 21-2 (General Organic Chemistry)
OS CASREACT 134:280369
AB The highly stereoselective conversion of aldehydes and ketones to their
corresponding E- and Z-**oximes** with NH₂OH.HCl is catalyzed by
CuSO₄ and K₂CO₃, resp. This method occurs under mild reaction
conditions with high yields.
ST **oxime** stereoselective prepn; aldehyde stereoselective
oximation; ketone stereoselective **oximation**
IT **Oximation**
(stereoselective preparation of **oximes**)
IT Aldehydes, reactions
Ketones, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(stereoselective preparation of **oximes**)
IT **Oximes**
RL: SPN (Synthetic preparation); PREP (Preparation)
(stereoselective preparation of **oximes**)
IT 83-38-5 89-98-5 90-02-8, reactions 98-86-2, Acetophenone, reactions
99-61-6, 3-Nitrobenzaldehyde 100-52-7, Benzaldehyde, reactions
100-83-4, 3-Hydroxybenzaldehyde 104-87-0, 4-Methylbenzaldehyde
104-88-1, 4-Chlorobenzaldehyde, reactions 123-08-0, 4-
Hydroxybenzaldehyde 123-11-5, 4-Methoxybenzaldehyde, reactions
134-85-0, 4-Chlorobenzophenone 498-62-4, 3-Thienaldehyde 555-16-8,
4-Nitrobenzaldehyde, reactions 587-04-2, 3-Chlorobenzaldehyde
591-31-1, 3-Methoxybenzaldehyde 620-23-5, 3-Methylbenzaldehyde
1122-54-9, 4-Acetylpyridine 1122-62-9, 2-Acetylpyridine
RL: RCT (Reactant); RACT (Reactant or reagent)
(stereoselective preparation of **oximes**)
IT 622-31-1P 622-32-2P 3714-77-0P 3717-15-5P 3717-16-6P 3717-19-9P
3717-20-2P 3717-21-3P 3717-22-4P 3717-23-5P 3717-24-6P
3717-27-9P 3717-29-1P 3717-33-7P 4006-79-5P 22032-06-0P
50314-86-8P 52707-50-3P 52707-52-5P 52707-55-8P 52707-57-0P
60221-52-5P 60221-53-6P 81563-77-1P 107492-79-5P 139336-66-6P
139484-44-9P 148134-23-0P 332903-32-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(stereoselective preparation of **oximes**)
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
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54th ed
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